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Ground SIGINT Processing Systems Off Site

1Q FY03

Mark Due
Chief, GSPS



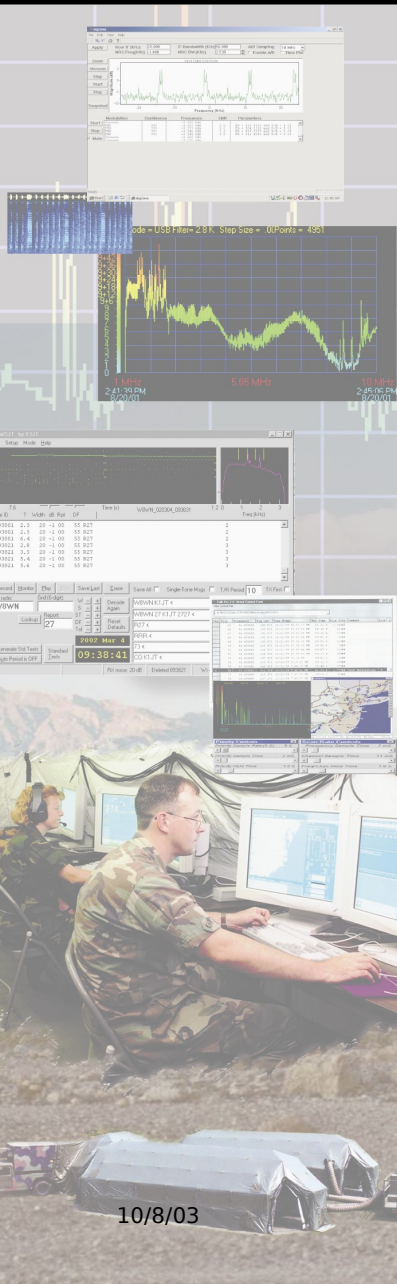
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Ground SIGINT Processing Systems



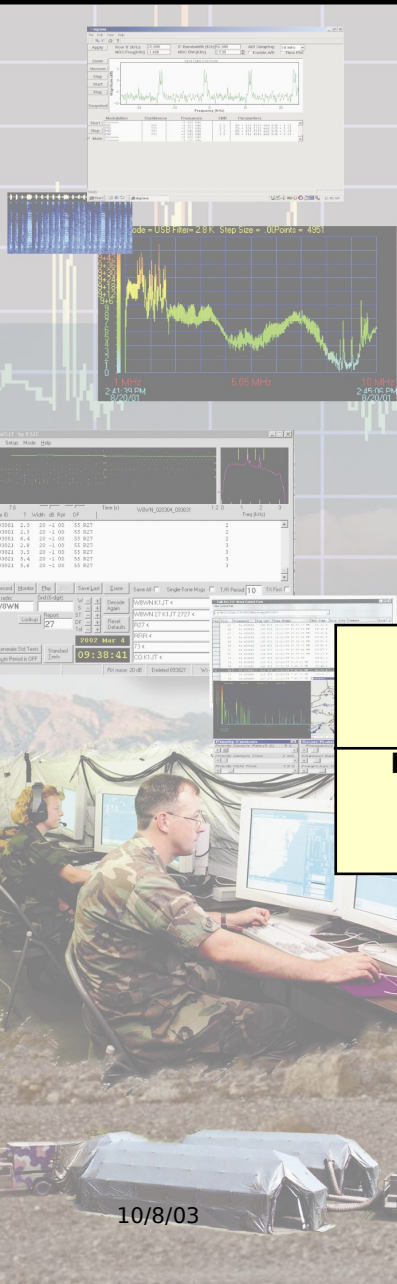
- **Enable Network Centric Operation of US Army SIGINT Systems for National to Tactical Processing, Exploitation, and Production to the Warfighter**
 - **Focused on Networking Army Tactical SIGINT Ground Processing Systems with National, Joint, and Coalition SIGINT Systems and Ensuring SIGINT is Accessible in a Multi-INT Environment**
 - **Provides the SIGINT Support to PM Distributed Common Ground System - Army (DCGS-A) Programs Like Home Station Operation Center, DCGS-A at XVIII AB Corps, and III Corps**
 - **Supports PM SW Products Like ACS, Prophet, and TSP to Enable Interoperation with DCGS-A**
 - **Develops and Fields the GUARDRAIL/Common Sensor Information Facility (GRIFN), the Army's Tactical SIGINT TPED System**
 - **And, we Participate in the DCGS SIGINT Community IPT**

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Ground SIGINT Processing Systems Organization Leads



Chief GSPS

Mark Due
732-427-2190

**Software
Lead**

Sue Feinberg (M)
732-427-5739

**Data Management
Lead**

Sharon Patterson (C)
732-427-5739

**DCGS-A Fixed
Project Lead
(Spiral 1)**

Diree McGuire (C)
732-427-5739

**DCGS-A Mobile
Project Lead
(Spiral 2 & 3)**

Jerry Laurin (C)
732-427-5739

**FCS/DCGS-A
Interface**

Mike Loman (C)
703-706-1256

**GRIFN
Project Lead**

Paul Hodowanec (M)
732-427-5739

**INTEROP/Reporting
Project Lead**

Karen Gentile (M)
732-427-5739

**ACS/DCGS-A
Interface**

TBD

M = Matrix
C = Contractor

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Ground SIGINT Processing Systems Total Staff and Support



Name	Title	Organization	Effort	
Karen Gentile	Technical Manager	I2WD	0.5 MY	
Jeff Chiem	Test Bed Manager	I2WD	0.75 MY	
J.R. Shackelford	Sr. Systems Engineer	I2WD	0.25 MY	
Paul Hodowanec	GRIFN Project Leader	I2WD	1.0 MY	
Karen Hornberger	Accreditation	I2WD	0.4 MY	
Kate Dettmann	Accreditation	I2WD	0.3 MY	
Mark Due	Chief, GSPS	I2WD	1.0 MY	
Michelle Shapiro	Test Manager	I2WD	0.5 MY	
George Massabni	GRIFN Support	I2WD	0.25 MY	
Rene Franco	GSPS SW Support	SEC	0.5 MY	
Nick Szymanski	Interop/Reporting Support	SEC	0.4 MY	
TBD	GRIFN Support	SEC	2.0 MY	
Sue Feinberg	GSPS Software Lead	SEC Contractor	1.0 MY	
Diree McGuire	DCGS-A Fixed	SEC Contractor	1.0 MY	
Sharon Patterson	GSPS Data Management	SEC Contractor	1.0 MY	
Alan Bader	Technical Data	LRC	0.5 MY	
Jeff Dubois	Maintenance Engineer	LRC	0.5 MY	
Marva Jones	Fielding	LRC	0.25 MY	
Roy Weaver	Logistics Manager	LRC	1.0 MY	
Dennis Wilson	Training	LRC Contractor	0.5 MY	
Jerry Laurin	DCGS-A Mobile	PM SW Contractor	1.0 MY	
John Stad	GSPS Testing	PM SW Contractor	1.0 MY	
Mike Loman	FCS/DCGS-A Interface	I2WD Contractor	1.0 MY	
TBD	ACS/DCGS-A Interface	PM SW Contractor	1.0 MY	
Total Staff and Support	17.6 MY			

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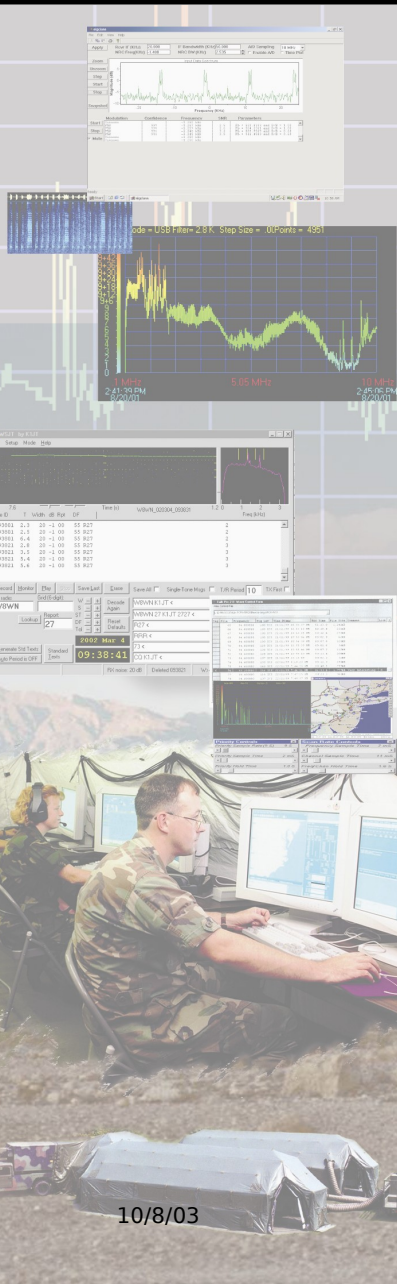


Ground SIGINT Processing Systems

FY03 Accomplishments



- **Fielded GR/CS Reporting Shelter to 15th MIBn**
 - **Replaced Obsolete DDS**
 - **Resolved Accreditation issue with Dissemination Approach**
- **Fielded Hybrid Server to 15th MIBn**
 - **Enables Unit to send Audio data to GRSOC**
 - **Provides Transcription tools to the unit**
 - **Reduces time to report to GRSOC from hours to seconds**
- **Competed GRIFN PAT**
- **Shipped GRIFN to 224th to Begin SAT and Fielding.**
- **Awarded DCGS-A GRIFN Spiral 2 to Northrop Grumman Electronic Systems and conducted SRR/PDR/CDR**



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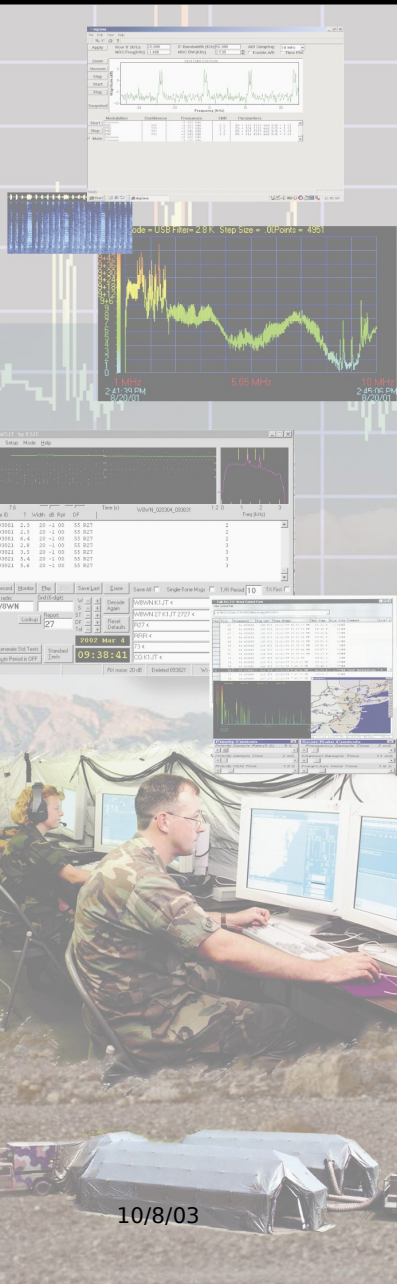


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Way Ahead FY04



- Dec 2003 Award DCGS-A IPF Spiral 3 of Northrop Grumman Electronic Systems
- Field GRIFN to the XVIII Airborne Corps Aerial Exploitation Battalion, 224th MI Bn in the Fall of 2003
- Field DCGS-A Spiral 2 for GRIFN at the XVIII Airborne Corps Aerial Exploitation Battalion, 224th MI Bn in the Spring of 2004
- Field Hybrid to 1st MI Bn Spring 2004



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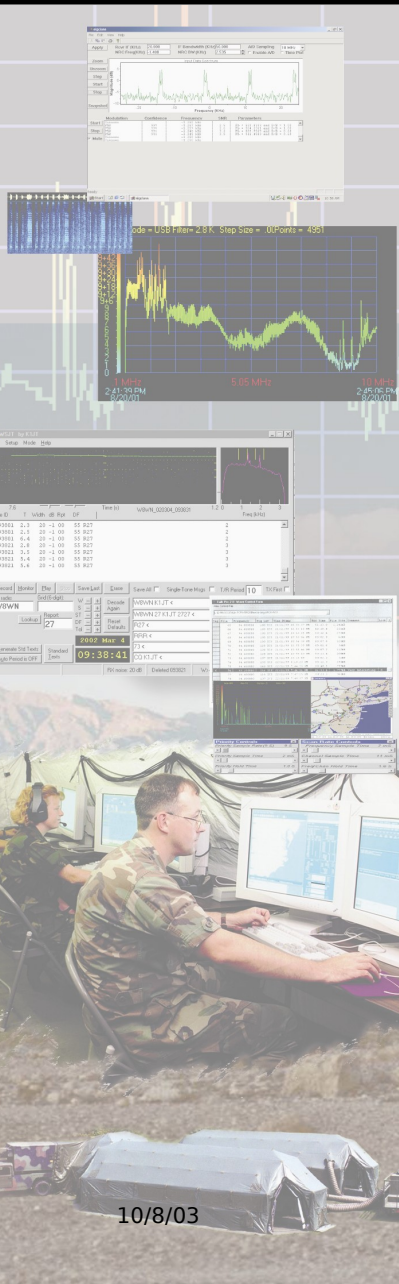


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Long Range Events



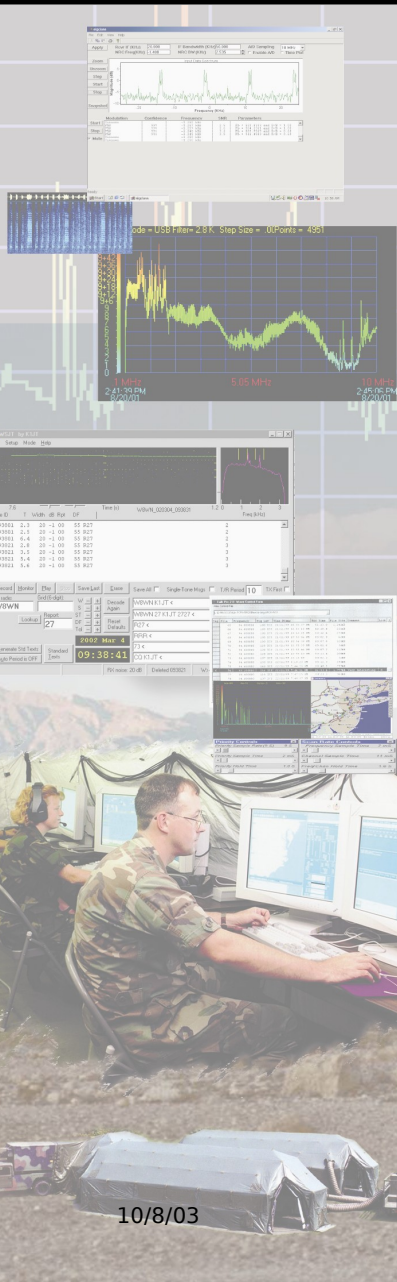
- **Field DCGS-A IPF Spiral 3 for at III Corps Aerial Exploitation Battalion, 15th MI Bn in the Summer of 2004**
- **Assess SIGINT tools and Nominate for PM DCGS-A as SIGINT Center of Excellence.**
- **Upgrade GR/CS IPF's to GRIFN's**
- **Connect AEB's to NSA Net**
- **Demonstrate Interoperability to Future Sensors**



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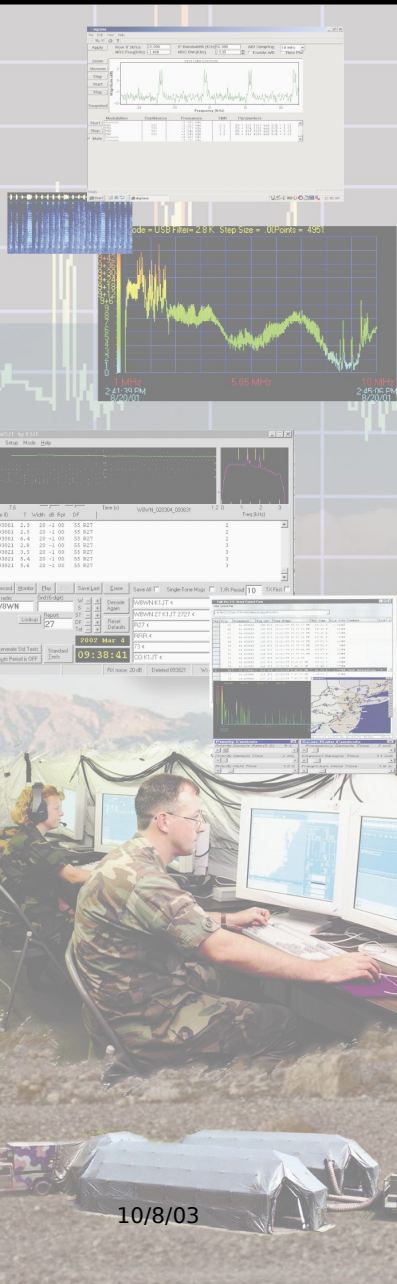


Program/Risk Title	Risk	Risk Status	Risk Rationale	Risk Mitigation/Comments	Assignee	Risk ID Date
GRIFN						
SAT	Amber	→	Completion SAT on Schedule	Monitor Inchstone tasks and report all delays. Work with 224th on Delivery Schedule	Paul Hodowanec	J un-03
DCGS-A Mobile						
Spiral 2	Amber	→	Schedule slip from Nov 03 to April 04 - Potential Cost impact. 5 eyes/NOFORN Guard - Performance & Cost impact	Rebaseline to new schedule that shows no cost impact. Implement guard, get funding from NTIO or DCGS-A	Jerry Laurin	J an-03
Spiral 3	Amber	→	Simultaneous fielding of DCGS-A and GRIFN may impact fielding schedule	Need to award by end of CY03	Jerry Laurin	J un-03
DCGS-A Fixed						
Spiral 1	Green	→			Diree McGuire	
Reporting						
J TT	Amber	→	NRE for Shelter Configuration and TCSP Software development currently funded. No funding received for fielding to units.	1. Add UFR during next POM. 2. Seek UFR from other programs. 3. Utilize NSA AMHS on NSA net.	Karen Gentile	May-03
IBS	Red	→	UFR at this time	1. Add UFR during next POM. 2. Seek UFR from other programs. 3. Utilize NSA AMHS on NSA net.	Karen Gentile	
DMS	Red	→	UFR at this time	1. Add UFR during next POM. 2. Seek UFR from other programs. 3. Utilize NSA AMHS on NSA net.	Karen Gentile	
	Red	→	Vehicle requires software and possible hardware upgrades prior to fielding	Re-establish AF contacts to determine exact needs of shelter for possible fielding	Karen Gentile	J un-03
INTEROP DCGS-A Objective						
FCS	Green	→			Mike Loman	
Prophet Block II/III	Green	→			Mike Loman	
TSP	Green	→			TBD	
ACS	Green	→			TBD	

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Ground SIGINT Processing Systems Challenges/Issues



- **Working with PM DCGS-A**
 - Getting Decisions out of PM DCGS-A to Build GRIFN's
 - Getting Decisions out of PM DCGS-A on SIGINT Tools
 - Keeping up with the Continuously Changing DCGS-A AS
- **Coming to Agreement on the ACS/Prophet ground system way ahead**
 - GRIFN with GE upgrades and TES are 90% Solutions for ACS SIGINT and IMINT ground processing
 - ASAS-light is current Prophet Control capability
- **Addressing 5-eyes requirement for all SIGINT Sensors**
 - ACS
 - Prophet
 - GH
 - NCCT.....